

39 37 36 25 34 33 32 31 30 29 78 77	ক শ্রম স্থা সাম	19 18 17 16 15 14 13 12 11 10 9 1 A 1 7 1 6	
qa = +1-{xx,2\) + 29 qa = -4-{xx,2\}	V/SSACA Sub-op		0 SADADO 0 0
qa = +/-{zz,ze} - 24 qa = +/-{zz,ze} - 25 qa = +/-{zz,ze} + 2	Add 0 0 1 0 Sub 0 1 0 0	<u> </u>	
qa = धक्त(भ- स. अ. स्त्र) qa = धक्त(भ- स. स्ट्रान्टा) qa = धक्त(भ- स. स्ट्रान्टा)	Min 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	G. G.	TIG.6(

1 0 0 PS S' SX SY V/S SA D	A 0 1 0 Add 1 0 0 Sub	da = +/-{mx*sa} + my da = +/-(mx*sa) - my da = min(+/-mx*sa, my)
		og - min(+/-mx.29*mh)

FI6.6D

	20-bit sadiat		
DSP Instructions	rvetions (29 36 35 35 35 35 32 31 30 29 38 38 32 36 32 34 33 32 31 20	Control and appellar Extensions [10 10 17 16 15 14 13 17 11 10 0 6 7 0 5 4 3 7 1 0	
klumply	1 0 0 1 0 0 0 0 0 0	Adustus 6 Pred Pt Sri Anno Si Si Si O SA OA eus O O Adustus O O O O O O O O O	9 3
994	(10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Add (0 Pred Pt Sai Syi ti Sub-est 0 SA (DA eps) (0 0 10 10 10 10 10 10	FIOP (WADD KlushidN Kilivmar
Estteinum	TITIO PS KIN	ENT (0 Pres Pt. SNI SYI W.CH GN Sub-on O SA DA 401 O O Addition O O Addition O O O Addition O O O O O O O O O	Additub
type-match Permute -tved	1 0 PS 0 SX Type	TypeloffseVpermule extensions	

20-bit parattel 20-bit serial 40-bit extended

20-bil 15.A

HOP (U469) MUMBER MINTER

Add/sub ...

FIG. 6 E

Type overide permits overide Offiel overide

Shadow DSP

0 0p Pt 0pl

11, Bil 19.6> -- UIS (Shift Amount)

<0113, Bils13-10> ** UIS :POS

	1 86							
	0 %	- 25	JII RA	4,1,41	Pa 0	-		
1 3 1 6 1 6 1 6 1	RZ	RZ	A2 1	RZ	RZ [1	RKI DII 0 0		
	RY	RY	110	AY	RY	70		
1 0 1 6 101 111 171 161 1	RX	RX	AX	AX	RX	٨X		
	0	0	-	0	1	-		
3	0	0	0	-	-	-		
	0	0	0	0	0	0		
	60	00/	0.0	0.0	Pe	P		

Control Instructions

1G. 6 G

Extended Control

N	Inserve France RX		10 9 8 7 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10		0 2 30					-	16 15 PM 15	7 2	18 15 14 13 12 11 0 RM R11 1/E RA RA	2 v8	2 7	1111	9 8 7 Offiset;UIS RY		5	A 3 2	H ₂ ,	00
O O O O N X O X X X X X X X X	Š	П	RZ	H	н	+	-		討	டப	Ħ	E		21 I	Щ.	J 1	Sig	П	2 TW	RA	0 611	
0 0 1 0 0 Pred 0 x	8×	H	RZ	P		9	9	6	Ĭ	P			\vdash		4		Υ SiΩ:		×	Z.	Ľ	ΙE
O O 1 1 O x sari O U1 U14; outer Laire U14; Inner Laire U18; O O O O O		3	×.		1-	E	-	 -	Pred	 -	E						à	Π.				\prod
0 0 1 1 0 x evil 0 x U4; court tite U1; cuttine U1; cu	CIA: OUIST	Н	Uld: Inner LC	9	9	E			٩	ы	_	š	outer	is is	Š	Poor		ا چ	15	Inner	Pale.	10
1 0 0 0 0 x x 0 0 0 0	ž	+	Ą	익	4	-	-			J	-	š	outer	1	ž	Inner	1120	0 :2	5	luner	nels.	E
1 0 0 0 0 0 0 0 0 0	ž	1	À	4	-	ð	٦	٦	-	9	이	뒴	<u>S</u>	÷	•		RZ	H	Z Z	100	3	9
0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P. P. WKINGS FOR	security.	NIVEL LANGESTA	•		0	•		-6	0		4	3	3	÷	- Contract	RZ	_	1	č		-
No. O P2 O 1 O No. O No. O No. O No. O No. N	χď	f	20 0	1	E	•		ļ.	1	°	-				1				The state of		7	<u> </u>
H	×α	٥	Ц	٥	E	6	٤	Ļ.	×	P	1	1				15	1	1				-
No	TV L		RZ	0	-	-	0	_	Ľ	9	L			l		Ē	1					T
AX	- LYP		AZ	۰	-	۲	Ë	Н	Н	0	⊢	ŀ					Ē	3		١	I	T
RX O 1 1 O x x O 1 R11 O Type	Type		Ä	0	-	-	٦	L	-	0	ŀ	-			ı	l	1			I	1	T
AZ 0 1 1 1 0 x x 0 1 Rit 1 Type Immid RZ 1 0 7 1 0 0 x x 0 1 Rit 1 Type Immid RZ 1 1 0 X 1 1 0 0 x x 0 0 Immid RZ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	χX		RZ	0	-	-	ľ	Ľ	Ŀ	9	ŀ	1	L	1	ŀ			ı	1		1	1
R2 1 0 7/N 1 0 1 1 50 0 1 1 1 50 0 1 1 1 50 0 1 1 1 1	711	Ц	æ	0	-	-	ľ	Ľ	Ŀ	5	ŀ	L			t	l		۱	200			1
R2 1 0 X/N 1 0 x x 0	Ä	\vdash	A2	E	-	 -	ľ	E	E	⊥.					1		ŀ		2110			1
R2 1 1 H1 O V C O C C O C O C O C O C O C O O	ă		RZ	-	Ĉ	Z	l°	Ľ	Ľ	1				l	l	Ē.	919		1			7
	ž	_	RZ	-	F	<u> </u>		ľ	Ŀ	١				I	1	Ē.	9					1

Filt: Sign/Zero

Bit 15 is continuation of Inner LC

andp, orp, andorp, orandp; pt = (px relop py) relop pv)

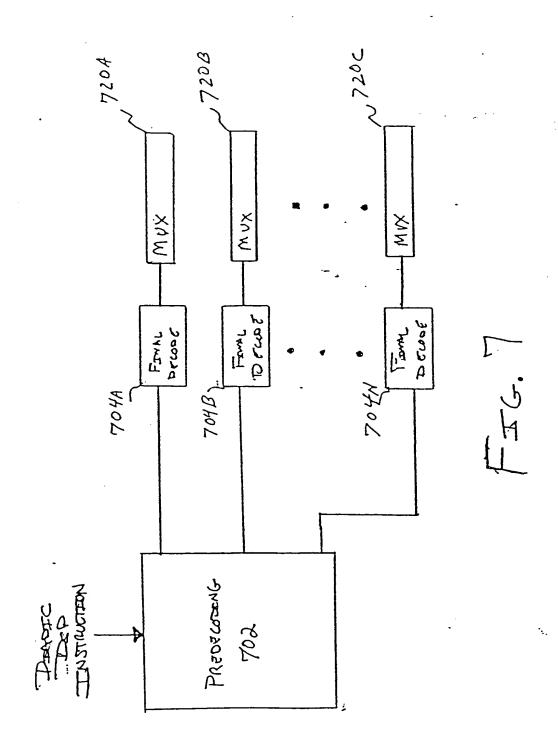
Brinch:

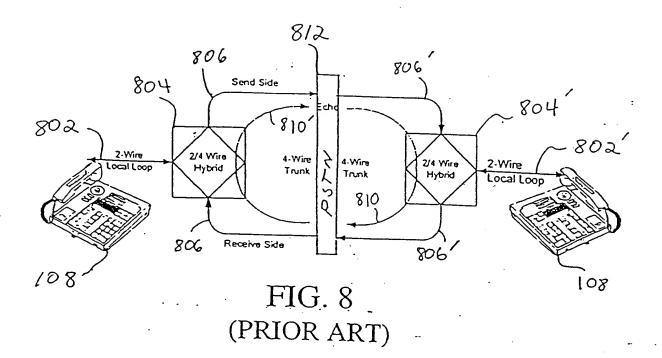
Mrs 6:

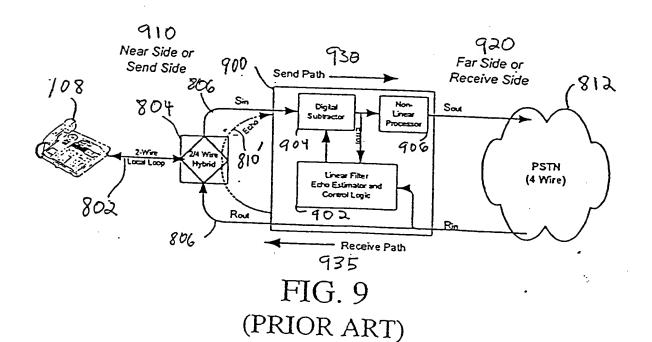
Ë

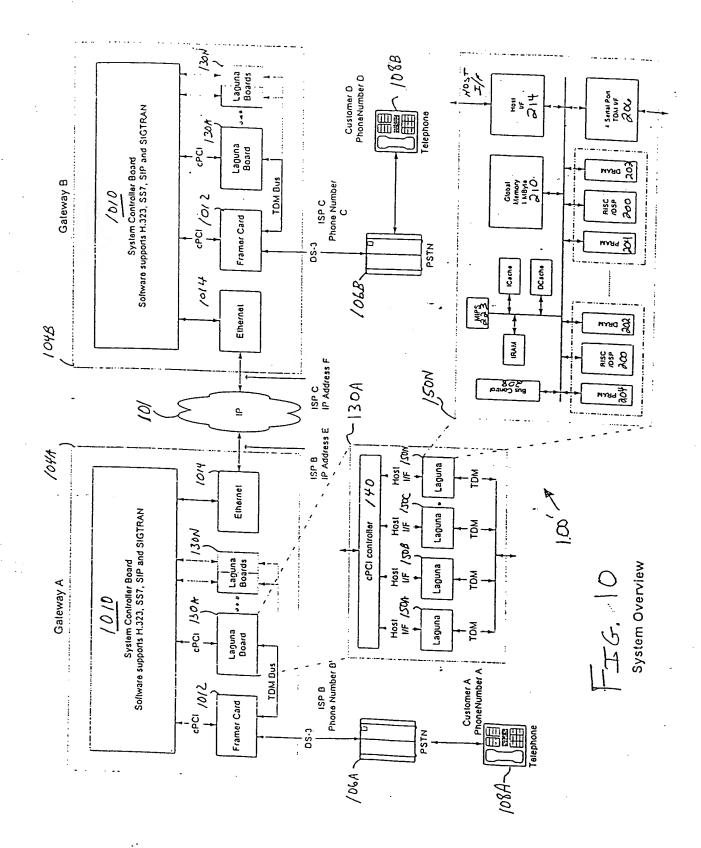
SPA:

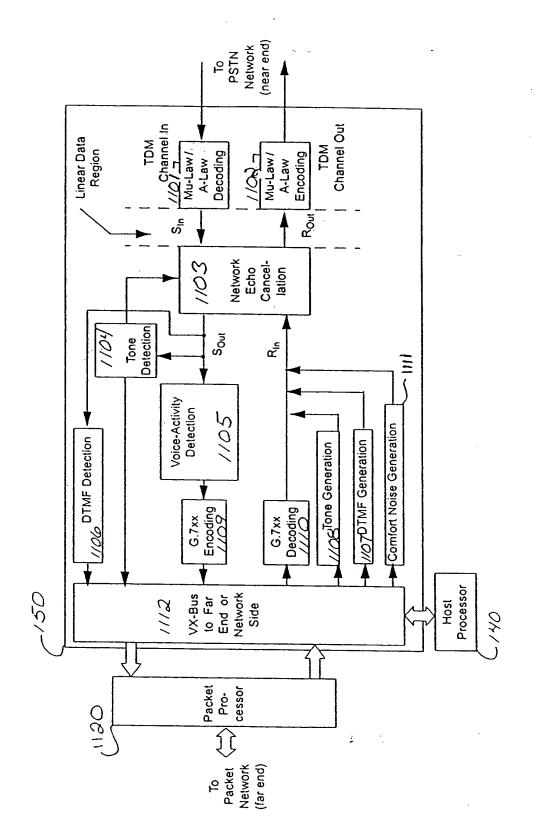
? Set to cold it! Putlit State, Putlit teach DSP hittorifiens











HTG. //A

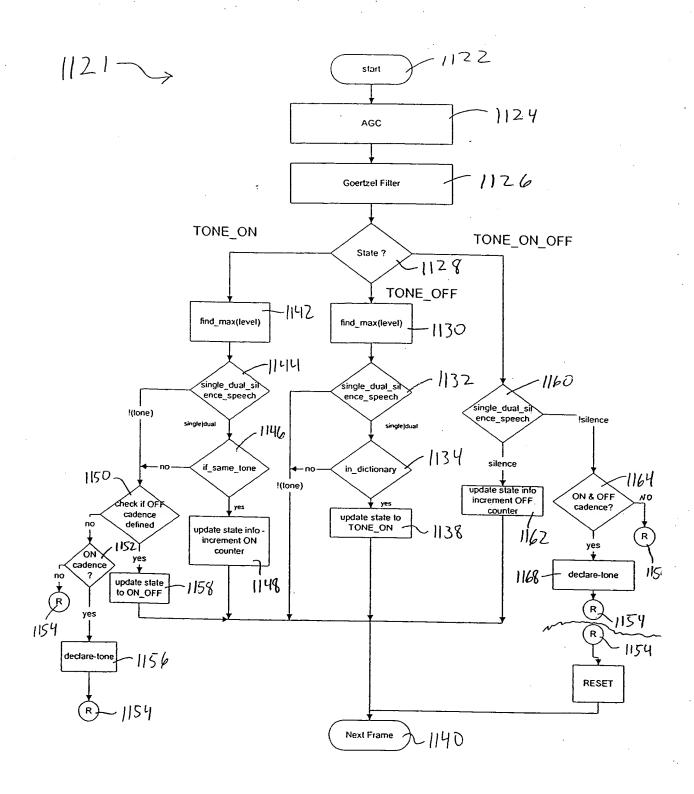


FIG. 11B

coefficients for Goertzel

	Filter	·
frequency	cos(2*pi*11/ls)	frequency index
350	31536	a quantity mack
400	31163	•
.425	30958	
440	30829	
480	30465	
540	- 29863	
600	29195	
620	28958	
660	28462	
697	27978	
700	27938	
770	26955	
780	26808	
852	25700	
900	24916	
941	24218	
1020	22802	
1100	21280	
1140	20487	
1209	19072	
1300	17120	
1336	16324	
1380	15332	
1477	13084	
1500	12539	
1620	9634	
1633	9314	
1700	7649	
1740	6644	
1860	3595	
1980	514	
2040	-1029	
2100	-2570	
2280	-7147	
2400	-10125	
2600	-14875	
3825	-32457	

FIG. 1/C

Exemplay Call	Progress	Tones
Frequency1	Frequency2	Call Progress Tone
350	440	ANSI T1.401 dial tone
425	0	Q.35 Dial Tone
440	480	ANSI T1.401 audible ringing
480	620	ANSI T1.401line busy tone
480	620	ANSI T1.401Reorder
400	0	Audible ringing
440	0	Dial Tone
440	0	ANSI T1.401Fast Busy Tone
440	0	Busy Tone

FIG. 110

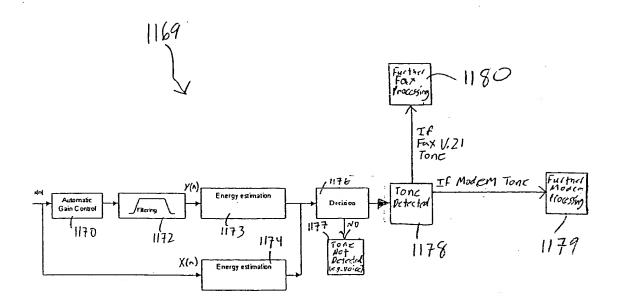
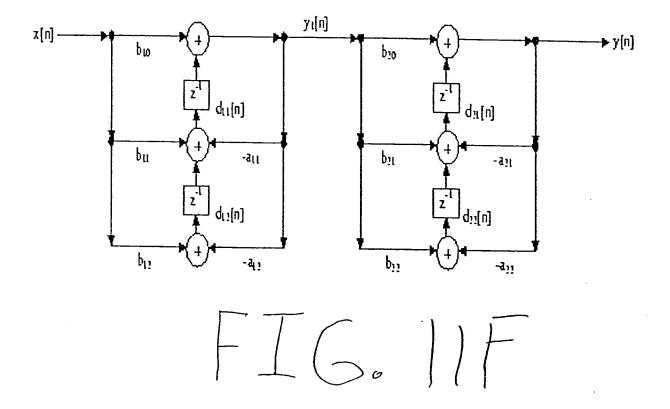
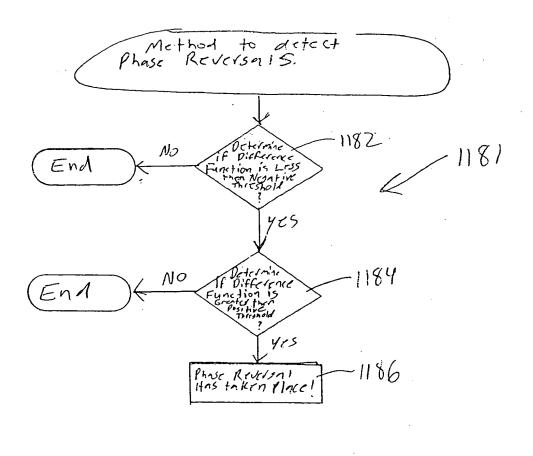


FIG. 11E





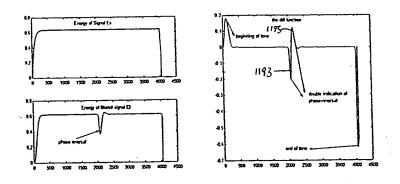


FIG. 116

Method for Fax V.21 Detection

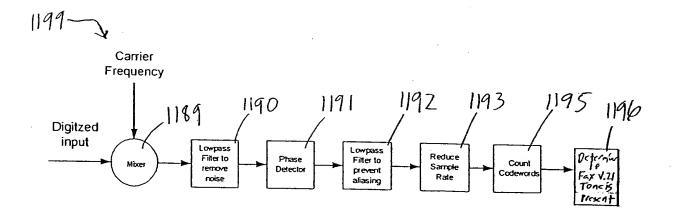


FIG. 11H

